

Casing Setting Depths and Cementing Program:

- A. Surface casing will be cemented to surface using Class "C" cement. Exact volumes and additives will be based on severity of lost returns historically experienced in this area. Top jobs will be performed as necessary to bring cement to surface.
- B. Production casing will be cemented with Class "H" cement to cover any hydrocarbon bearing zones by a minimum of 500'. If cement is not circulated, a temperature survey will be run to determine cement top.

Prior to drilling below surface casing, a BOP hook-up for 3,000 psi will be installed. All BOP equipment will be tested as per Onshore Oil & Gas Order 2 – A. Well Control Requirements.

Circulating Media:

0-1500'	Air/Air Mist
1500-7,600'	FW Aphron System 7.5-8.2 ppg

Testing, Logging and Coring Program:

- A. Open hole logs will be run at total depth.
- B. No coring is planned.

Abnormal Pressure or Temperature and Hydrogen Sulfide Gas:

No abnormal pressure or temperature is anticipated. H₂S may be encountered (6000-8000 ppm).

Anticipated Starting Date:

Drilling operations should begin upon approval of this permit and will take approximately four weeks. Completion operations will begin soon after drilling is completed and will take approximately two weeks.